



12-20-01

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Docket No. MIT7759DIVCON

NEW APPLICATION TRANSMITTAL

J1010 U.S. Pro  
10/022689  
12/17/01

Transmitted herewith for filing is the patent application of:

Inventor(s): Eugene A. Fitzgerald

For (title): CONTROLLING THREADING DISLOCATION DENSITIES IN Ge  
ON Si USING GRADED GeSi LAYERS AND PLANARIZATION

1. **Type of Application**

Utility  
 Design

2. **Small Entity**

Yes  
 No

3. **Benefit of Prior U.S. Application(s) Under 35 U.S.C. §120**

This application is a:

Divisional  
 Continuation  
 Continuing Patent Application (CPA) under 37 C.F.R. §1.53(d)  
 Continuation-in-part (CIP),

and hereby claims benefit under 35 U.S.C. §120 to the following applications:

SERIAL NUMBER	FILING DATE
09/712,605	11/14/00

4. **Benefit of Non-U.S. Application Under 35 U.S.C. §119(a)-(d)**

This application claims priority under 35 U.S.C. §119(a)-(d) to the following foreign application(s) and/or inventor certificate(s):

COUNTRY	APPLN. NUMBER	FILING DATE
None		

Certified copy(ies) of the application(s) and/or inventor certificate's from which priority is claimed:

is(are) attached;  
 will follow.

HOPH Transmittal

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CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. §1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on December 17, 2001 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV016162108US addressed to the:  
Assistant Commissioner of Patents, Washington, D.C. 20231.

Deborah M. Costello

5. **Benefit of Provisional Application Under 35 U.S.C. §119(e)**  
This application claims priority to the following provisional application(s):

SERIAL NUMBER	FILING DATE

6. **Papers Enclosed Which Are Required For Filing Date Under 37 C.F.R. §1.53**

21 Pages of Specification, including claims, abstract & coversheet  
5 Sheets of Drawing

7. **Additional Papers Enclosed**

Copy of Declaration and Power of Attorney as filed in parent  
 Preliminary Amendment  
 Information Disclosure Statement (37 CFR 1.98) and Form PTO-1449  
 Copy of Assignment and Form PTO-1595 as filed in parent  
 Petition and Fee For Extension of Time  
 Preliminary Amendment, clean copy of claims as amended and clean copy of amended page 1 of specification  
 Other \_\_\_\_\_

8. **Application Filing Fee Calculation**

A.  Utility Application

**FEE CALCULATION:**

Total Claims: 34 - 20 = 14 × \$18 = \$252.00

Independent Claims: 4 - 3 = 1 × \$84 = \$84.00

Basic Fee: .....\$740.00

Multiple-Dependent-Claim Fee : .....\$

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Total of the Above Calculations: .....\$1,076.00

Amendment canceling extra claims enclosed.  
 Amendment deleting multiple dependencies enclosed.  
 Fee for extra claims is not being paid at this time.

B.  Design application - \$320 \$

Application Filing Fee Sub-Total .....\$

C.  Less 50% reduction for small entity.....\$

D.  Non-English Specification - \$130.....\$

**TOTAL FILING FEE .....\$1,076.00**

9. **Payment**

Enclosed

Check in the amount of the Total Filing Fee set forth above.

Charge Account No. 19-0079 in the amount of Total Filing Fee set forth above. A duplicate of this transmittal is attached.

Not Enclosed

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§1.16 and 1.17 that may be required by this paper or any paper filed in connection with this Patent Application, or refund any overpayment to our Deposit Order Account No. 19-0079.

Respectfully submitted,



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